



GE Fanuc Automation

Programmable Control Products

VersaMax® System Ethernet Network Interface Unit

User's Manual

GFK-1860A

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Software Configuration of the Ethernet NIU and I/O Station

Software configuration provides greater flexibility than autoconfiguration in setting up an I/O Station. Software configuration is performed using one of the following:

- **VersaPro 2.0 (or later version).** This software allows you to (1) configure all Series 90-30 and VersaMax products, including CPUs and NIUs, and (2) program PLC ladder logic. For details of installing and using this software, refer to the *VersaPro Programming Software User's Guide* (GFK-1670).
- **Remote I/O Manager 2.0 (or later version).** Allows you to configure all Series 90-30 and VersaMax I/O products, including CPUs and NIUs. If you will only be using GE Fanuc I/O products (no CPUs), you can use this software for configuration purposes. Ladder logic programming is not supported. The software is available as catalog number IC641CFG100. For details of installing and using this software, refer to the *Remote I/O Manager Software User's Guide* (GFK-1847).

Note: The Remote I/O Manager comes bundled with a serial programmer cable if ordered as catalog number IC641CFG110; however, the *Ethernet NIU does not support this serial cable*. The IC641CFG110 package was created for the convenience of Genius and Profibus NIU users, since those two products require the serial cable for software configuration.

The Remote I/O Manager software runs on a computer equipped with Windows 95/98, Windows NT 4.0, or Windows 2000. Note that VersaPro 1.1 and the Remote I/O Manager software cannot be installed on the same computer. If VersaPro 1.1 is present, you will be prompted to un-install it during the Remote I/O Manager installation. If both VersaPro and the Remote I/O Manager software are required, you must upgrade to VersaPro version 1.5 (or later), which includes a built-in version of the Remote I/O Manager. However, VersaPro 2.0 or later is required to support high density analog modules. Please see Appendix D, which contains a feature to software version compatibility matrix.

Notes on Using the Configuration Software

1. The same Remote I/O Manager software can configure different types of VersaMax NIUs and all supported IO modules.
2. Empty slots are allowed in an ENIU software configuration (unlike an autoconfiguration). Note: If empty slots are later filled when using EGD mode, the EGD exchange on the controller will need to be updated.
3. The I/O Station cannot include the following communication modules: IC200BEM002 (Profibus Slave module) and IC200BEM103 (DeviceNet Master module).
4. The reference addresses assigned to modules in the I/O Station can be edited. Addresses do not need to be consecutive.